

records assessment or an audit of the highway safety data and traffic records system of the State; and

(iii) initiated the development of a multiyear highway safety data and traffic records strategic plan that—

(I) identifies and prioritizes the highway safety data and traffic records needs and goals of the State;

(II) identifies performance-based measures by which progress toward those goals will be determined; and

(III) will be submitted to the highway safety data and traffic records coordinating committee of the State for approval; or

(B) provides, to the satisfaction of the Secretary—

(i) a certification that the State has met the requirements of clauses (i) and (ii) of subparagraph (A);

(ii) a multiyear highway safety data and traffic records strategic plan that—

(I) meets the requirements of subparagraph (A)(iii); and

(II) specifies how the incentive funds of the State for the fiscal year will be used to address needs and goals identified in the plan; and

(iii) a certification that the highway safety data and traffic records coordinating committee of the State continues to operate and supports the multiyear plan described in clause (ii).

(2) GRANT AMOUNTS.—The amount of a first-year grant made to a State for a fiscal year under this subsection shall equal—

(A) if the State is eligible for the grant under paragraph (1)(A), \$125,000; and

(B) if the State is eligible for the grant under paragraph (1)(B), an amount determined by multiplying—

(i) the amount appropriated to carry out this section for such fiscal year; by

(ii) the ratio that the funds apportioned to the State under section 402 for fiscal year 1997 bears to the funds apportioned to all States under section 402 for fiscal year 1997;

except that no State eligible for a grant under paragraph (1)(B) shall receive less than \$250,000.

(3) STATES NOT MEETING CRITERIA.—The Secretary may award a grant of up to \$25,000 for 1 year to any State that does not meet the criteria established in paragraph (1). The grant may only be used to conduct activities needed to enable the State to qualify for a first-year grant in the next fiscal year.

(c)¹ SUCCEEDING YEAR GRANTS.—

(1) ELIGIBILITY.—A State shall be eligible for a grant under this subsection in a fiscal year succeeding the first fiscal year in which the State receives a grant under subsection (b) if the State, to the satisfaction of the Secretary—

(A) submits or updates a multiyear highway safety data and traffic records strategic plan that meets the requirements of subsection (b)(1);

(B) certifies that the highway safety data and traffic records coordinating committee of the State continues to operate and supports the multiyear plan; and

(C) reports annually on the progress of the State in implementing the multiyear plan.

(2) GRANT AMOUNTS.—The amount of a succeeding year grant made to the State for a fiscal year under this paragraph shall equal the amount determined by multiplying—

(A) the amount appropriated to carry out this section for such fiscal year; by

(B) the ratio that the funds apportioned to the State under section 402 for fiscal year 1997 bears to the funds apportioned to all States under section 402 for fiscal year 1997;

except that no State eligible for a grant under this paragraph shall receive less than \$225,000.

(c)¹ ADMINISTRATIVE EXPENSES.—Funds authorized to be appropriated to carry out this section in a fiscal year shall be subject to a deduction not to exceed 5 percent for the necessary costs of administering the provisions of this section.

(d) APPLICABILITY OF CHAPTER 1.—The provisions contained in section 402(d) shall apply to this section.

(Added Pub. L. 105-178, title II, §2005(a), June 9, 1998, 112 Stat. 332.)

REFERENCES IN TEXT

The date of enactment of the Transportation Equity Act for the 21st Century, referred to in subsec. (a)(3), is the date of enactment of Pub. L. 105-178, which was approved June 9, 1998.

CHAPTER 5—RESEARCH AND TECHNOLOGY

Sec.

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| 501. | Definitions. |
| 502. | Surface transportation research. |
| 503. | Technology deployment program. ¹ |
| 504. | Training and education. |
| 505. | State planning and research. |
| 506. | International highway transportation outreach program. |
| 507. | Surface transportation-environment cooperative research program. |
| 508. | Surface transportation research strategic planning. |

PRIOR PROVISIONS

A prior chapter 5, added Pub. L. 90-495, §30, Aug. 23, 1968, 82 Stat. 830, consisting of sections 501 to 512, related to highway relocation assistance, prior to repeal by Pub. L. 91-646, title II, §220(a)(10), Jan. 2, 1971, 84 Stat. 1903. See section 4601 et seq. of Title 42, The Public Health and Welfare. For Effective Date of Repeal and Savings Provisions, see sections 221 and 220(b) of Pub. L. 91-646, set out as notes under sections 4601 and 4621, respectively, of Title 42.

§ 501. Definitions

In this chapter, the following definitions apply:

(1) FEDERAL LABORATORY.—The term “Federal laboratory” includes a Government-

¹ So in original. Two subsecs. (c) have been enacted.

¹ So in original. Does not conform to section catchline.

owned, Government-operated laboratory and a Government-owned, contractor-operated laboratory.

(2) SAFETY.—The term “safety” includes highway and traffic safety systems, research, and development relating to vehicle, highway, driver, passenger, bicyclist, and pedestrian characteristics, accident investigations, communications, emergency medical care, and transportation of the injured.

(Added Pub. L. 105–178, title V, §5101(2), June 9, 1998, 112 Stat. 422.)

PRIOR PROVISIONS

A prior section 501, added Pub. L. 90–495, §30, Aug. 23, 1968, 82 Stat. 830, related to declaration of policy as to highway relocation assistance, prior to repeal by Pub. L. 91–646, title II, §220(a)(10), Jan. 2, 1971, 84 Stat. 1903.

§ 502. Surface transportation research

(a) GENERAL AUTHORITY.—

(1) RESEARCH, DEVELOPMENT, AND TECHNOLOGY TRANSFER ACTIVITIES.—The Secretary may carry out research, development, and technology transfer activities with respect to—

(A) motor carrier transportation;

(B) all phases of transportation planning and development (including construction, operation, modernization, development, design, maintenance, safety, financing, and traffic conditions); and

(C) the effect of State laws on the activities described in subparagraphs (A) and (B).

(2) TESTS AND DEVELOPMENT.—The Secretary may test, develop, or assist in testing and developing any material, invention, patented article, or process.

(3) COOPERATION, GRANTS, AND CONTRACTS.—The Secretary may carry out this section—

(A) independently;

(B) in cooperation with other Federal departments, agencies, and instrumentalities and Federal laboratories; or

(C) by making grants to, or entering into contracts, cooperative agreements, and other transactions with, the National Academy of Sciences, the American Association of State Highway and Transportation Officials, or any Federal laboratory, State agency, authority, association, institution, for-profit or nonprofit corporation, organization, foreign country, or person.

(4) TECHNOLOGICAL INNOVATION.—The programs and activities carried out under this section shall be consistent with the surface transportation research and technology development strategic plan developed under section 508.

(5) FUNDS.—

(A) SPECIAL ACCOUNT.—In addition to other funds made available to carry out this section, the Secretary shall use such funds as may be deposited by any cooperating organization or person in a special account of the Treasury established for this purpose.

(B) USE OF FUNDS.—The Secretary shall use funds made available to carry out this section to develop, administer, communicate, and promote the use of products of

research, development, and technology transfer programs under this section.

(b) COLLABORATIVE RESEARCH AND DEVELOPMENT.—

(1) IN GENERAL.—To encourage innovative solutions to surface transportation problems and stimulate the deployment of new technology, the Secretary may carry out, on a cost-shared basis, collaborative research and development with—

(A) non-Federal entities, including State and local governments, foreign governments, colleges and universities, corporations, institutions, partnerships, sole proprietorships, and trade associations that are incorporated or established under the laws of any State; and

(B) Federal laboratories.

(2) AGREEMENTS.—In carrying out this subsection, the Secretary may enter into cooperative research and development agreements (as defined in section 12 of the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3710a)).

(3) FEDERAL SHARE.—

(A) IN GENERAL.—The Federal share of the cost of activities carried out under a cooperative research and development agreement entered into under this subsection shall not exceed 50 percent, except that if there is substantial public interest or benefit, the Secretary may approve a greater Federal share.

(B) NON-FEDERAL SHARE.—All costs directly incurred by the non-Federal partners, including personnel, travel, and hardware development costs, shall be credited toward the non-Federal share of the cost of the activities described in subparagraph (A).

(4) USE OF TECHNOLOGY.—The research, development, or use of a technology under a cooperative research and development agreement entered into under this subsection, including the terms under which the technology may be licensed and the resulting royalties may be distributed, shall be subject to the Stevenson-Wydler Technology Innovation Act of 1980 (15 U.S.C. 3701 et seq.).

(5) WAIVER OF ADVERTISING REQUIREMENTS.—Section 3709 of the Revised Statutes (41 U.S.C. 5) shall not apply to a contract or agreement entered into under this chapter.

(c) CONTENTS OF RESEARCH PROGRAM.—The Secretary shall include in surface transportation research, technology development, and technology transfer programs carried out under this title coordinated activities in the following areas:

(1) Development, use, and dissemination of indicators, including appropriate computer programs for collecting and analyzing data on the status of infrastructure facilities, to measure the performance of the surface transportation systems of the United States, including productivity, efficiency, energy use, air quality, congestion, safety, maintenance, and other factors that reflect system performance.

(2) Methods, materials, and testing to improve the durability of surface transportation infrastructure facilities and extend the life of bridge structures, including—